GOVERNMENT OF INDIA
DEFENCE
LOK SABHA

STARRED QUESTION NO:267
ANSWERED ON:01.08.2002
DEVELOPMENT OF FATIGUE METER
V. VETRISELVAN

Will the Minister of DEFENCE be pleased to state:

(a) whether IQ Infotech Limited and National Aeronautics Laboratory have developed fatigue meter for fighter aircraft to reduce air crashes;

(b) if so, the details thereof;

(c) the manner in which this meter would help the defence sector;

(d) the estimated expenditure incurred in developing this meter; and

(e) the time by which it would be incorporated in Indian Defence?

Answer

MINISTER OF DEFENCE (SHRI GEORGE FERNANDES)

(a) & (b): No, Sir. However a microprocessor based fatigue meter for aircraft application is under development jointly by M/s Infotech Ltd and National Aerospace Laboratory (NAL), Bangalore.The meter when installed would measure the fatigue cycles and enable assessment of life utilized until the last flight.

(c) This instrument would be helpful in assessing the residual safe life of aircraft.

(d) The estimated expenditure for development as reported by developing agencies would be around Rs. 18 lakhs.

(e) The instrument will be considered for fitment on aircraft once full scale development is completed which is likely to be around mid 2004.